



In re Patent Application of:

John E. Donohue

Title:

DIGITAL RETURN PATH FOR HYBRID FIBER/COAX NETWORK

Attorney Docket No.:

500.722US1



BOX PATENT APPLICATION

Assistant Commissioner for Patents Washington, D.C. 20231

We are transmitting herewith the following attached items and information (as indicated with an "X"):

X Utility Patent Application under 37 CFR § 1.53(b) comprising:

- X Specification (15 pgs, including claims numbered 1 through 29 and a 1 page Abstract).
- X Formal Drawing(s) (2 sheets).
- X Signed Combined Declaration and Power of Attorney (<u>3</u>pgs).
- X Check in the amount of \$1,000.00 to pay the filing fee.

Assignment of the invention to ADC Telecommunications, Inc. (2 pgs) and Recordation Form Cover Sheet.

Check in the amount of \$40.00 to pay the Assignment recording fee.

Information Disclosure Statement (1 pgs), Form 1449 (1 pgs), and copies of cited references (6).

X Return postcard.

The filing fee has been calculated below as follows:

	No. Filed	No. Extra	Rate	Fee
T © TAL CLAIMS	29 - 20 =	9	x 18 =	\$162.00
INDEPENDENT CLAIMS	4 - 3 =	1	x 78 =	\$78.00
[:]]MULTIPLE DEPENDENT CLAIMS PR	\$0.00			
BASIC FEE			-	\$760.00
	\$1,000.00			

Please charge any additional required fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By: ______Atty: David N. Fogg

Reg. No. 35,138

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'Express Mail" mailing label number: <u>EL530191041US</u> I hereby certify that this paper or fee is being deposited with the United States Po	Date of Deposit: November 3, 1999 ostal Service "Express Mail Post Office to Addressee" service under 37
CFR 1.10 on the date indicated above and is addressed to the Assistant Comm	issioner for Patents, Box Patent Application, Washington, D.C. 20231.
By:Chris Hammond	Signature: tumone

A#2

In re Patent Application of: John E. Donohue

DIGITAL RETURN PATH FOR HYBRID FIBER/COAX NETWORK Title:

Attorney Docket No.: 500.722US1

ORD

Receipt is hereby acknowledged for Trademark Office:

UTILITY PATENT APPLICATION: Specification (15 pgs, including CONTENTS: claims numbered 1 through 29 and a 1 page Abstract); Formal Drawing(s) (2 sheets); Signed Combined Declaration and Power of Attorney (3 pgs); Check in the amount of \$1,000.00 to pay the filing fee; Assignment of the invention to ADC Telecommunications, Inc. (2 pgs) and Recordation Form Cover Sheet; Check in the amount of \$40.00 to pay the Assignment recording fee; Information Disclosure Statement (1 pgs); Form 1449 (1 pgs), and copies of cited references (6) ;return postcard and transmittal sheet.

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Mowing in the United States Patent and

In re Patent Application of: John E. Donohue
Title: DIGITAL RETURN PATH FOR HYBRID FIBER/COAX NETWORK

Attorney Docket No.: 500.722US1

ORD

Receipt is hereby acknowledged for the following in the United States Patent and Trademark Office:

UTILITY PATENT APPLICATION: Specification (15 pgs, including claims numbered 1 through 29 and a 1 page Abstract); Formal Drawing(s) (2 sheets); Signed Combined Declaration and Power of Attorney (3 pgs); Check in the amount of \$1,000.00 to pay the filing fee; Assignment of the invention to ADC Telecommunications, Inc. (2. pgs) and Recordation Form Cover Sheet; Check in the amount of \$40.00 to pay the Assignment recording fee; Information Disclosure Statement (1 pgs); Form 1449 (1 pgs), and copies of cited references (6) ;return postcard and transmittal sheet.

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PTO/SB/17 (11-01)

Approved for use through 10/31/2002. OMB 0651-0032
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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

(\$) 180.00

Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

Complete ii Known				
Application Number	09/433,332			
Filing Date	11/3/99			
First Named Inventor	Donahue			
Examiner Name	D. Ryman			
Group Art Unit	2665			
Attorney Docket No.	100.115US01			

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)				
X Check Credit card Money Other None	3. A	3. ADDITIONAL FEES				
		Entity		Entity		
X Deposit Account	Fee 105	Fee	Fee	Fee	· · ·	ee Pald
Deposit Account Number		130	205	65	Surcharge – late filing fee or oath	
Deposit Account Fogg and Associates, LLC	127	50	227	25	Surcharge – late provisional filing fee or cover sheet	
Name					_	
The Commissioner is authorized to: (check all that apply)	139	130	139	130	Non-English specification	
Charge fee(s) indicated below X Credit any overpayments	147	2,520	147	2,520	For filing a request for ex parte reexamination	
Charge any additional fee(s) during the pendency of this application	112	920*	112	920*	Requesting publication of SiR prior to Examiner action	
Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account.	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	115	110	215	55	Extension for reply within first month	
1. BASIC FILING FEE	116	400	216	200	Extension for reply within second month	
Large Entity Small Entity	117	920	217	460	Extension for reply within third month	
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	118	1,440	218	720	Extension for reply within fourth month	
101 740 201 370 Utility filing fee \$0	128	1,960	228	980	Extension for reply within fifth month	
106 330 206 165 Design filing fee	119	320	219	160	Notice of Appeal	
107 510 207 255 Plant filing fee	120	320	220	160	Filling a brief in support of an appeal	
108 740 208 370 Reissue filing fee	121	280	221	140	Request for oral hearing	
114 160 214 80 Provisional filing fee	138	1,510	138	1,510	Petition to institute a public use proceeding	
	140	110	240	55	Petition to revive – unavoidable	
SUBTOTAL (1) (\$) \$0	141	1,280	241	640	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	142	1,280	242	640	Utility issue fee (or reissue)	
Extra Claims below Fee Pald	143	460	243	230	Design Issue fee	
Total Claims -20**= X =	144	620	244	310	Plant Issue fee	
Independent - 3**= X =	122	130	122	130	Petitions to the Commissioner	
Multiple Dependent	123	50	123	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity	126	180	126	180	Submission of information Disclosure Stmt	180.00
Fee Fee Fee Fee Description	581	40	581	40	Recording each patent assignment per property (times number of properties)	
103 18 203 9 Claims in excess of 20	146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
102 84 202 42 Independent claims in excess of 3	149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
104 280 204 140 Multiple dependent claim, if not paid		740	279	370	Request for Continued Examination (RCE)	
109 84 209 42 **Reissue Independent claims over original patent		900	169	900	Request for expedited examination of a design application	
110 18 210 9 **Reissue claims in excess of 20 and over original patent						
SUBTOTAL (2) (\$) \$0		fee (spe	cify)			
** or number previously paid, if greater; For Reissues, see above	*Reduc	ed by Bas	sic Filing	Fee Paid	SUBTOTAL (3) (\$)	180.00

SUBMITTED BY			Complete (if applicable)		
Name (Print/Type)	David N. Fogg	Registration No. (Attorney/Agent)	35,138	Telephone	612/332-4720, Ext. 225
Signature				Date	October 3, 2002

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PTO/SB/122 (10-01)
Approved for use through 10/31/2002. OMB 0651-0035
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pond to a collection of information un	less it displays a valid ONG control number
Application Number	09/433,332
Filling Date	11/3/99
First Named Inventor	Donohue
Art Unit	2665
Examiner Name	D. Ryman
Attorney Docket Number	100.115US01

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This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124). I am the: Applicant/Inventor. Assignee of record of the entire interest. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96). X Attorney or Agent of record. Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number						
Typed or Printed Name David N. Fogg						
Signature						
Date October 3, 2002						
		NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.				

*Total of 1 forms are submitted. Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.